



SEQUENCE LISTING

<120> NOVEL MOLECULES OF THE CARD-RELATED PROTEIN FAMILY AND USES THEREOF

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	tcg Ser															678
	gcc Ala	-		-		-	_				_		_		_	726
	gcc Ala 70						_	_		_						774
	gcc Ala															822
	gaa Glu															870
	atg Met															918
	aga Arg															966
	gaa Glu 150															1014
_	cat His	-			_	_					_					1062
	gtg Val															1110
	gag Glu												gaa Glu			1158
		01	200	mu		1		205			204		210			
	att Ile	tac	200 tac	aca	gaa	atc	aga	205 gaa	aga	gag	aga	gag	210 aaa	tca	gag	1206
Gly	att	tac Tyr 215	200 tac Tyr	aca Thr	gaa Glu tgg	atc Ile gca	aga Arg 220 gcg	205 gaa Glu gtg	aga Arg gta	gag Glu gga	aga Arg	gag Glu 225	210 aaa Lys cca	tca Ser cag	gag Glu gcg	1206 1254

	agc Ser															1350
	ttc Phe		-	_					_				-	-		1398
	ccc Pro															1446
	cat His 310															1494
	gaa Glu															1542
	aca Thr															1590
	ggg Gly															1638
	cag Gln															1686
	gcc Ala 390															1734
	ctc Leu															1782
	ccg Pro															1830
	gca Ala															1878
	ttc Phe	_		_	-				_	-	-					1926
	ttg Leu 470															1974
agc	agg	aag	gaa	tat	ttc	tac	aga	tat	ttc	aca	gat	gaa	agg	caa	gca	2022

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	ctt Leu															2118
	atg Met															2166
	ctc Leu 550															2214
	ccc Pro															2262
	aaa Lys	_				_		_	-			_				2310
	ggg Gly															2358
	ccc Pro															2406
	ttt Phe 630															2454
	cat His															2502
	ata Ile															2550
	tta Leu															2598
	ctg Leu															2646
	ctg Leu															2694

	710					715					720					
	cgg Arg															2742
	ggc Gly															2790
	att Ile															2838
	cag Gln		_				-			_	-	-	_			2886
	gtc Val 790		_		-	-			-					_		2934
_	gtc Val		-		-	_		_	-		-			_	_	2982
	cac His															3030
	ctc Leu															3078
_	tgc Cys	_	-		-			_	_	-		_		_		3126
	ctg Leu 870	_	_	_					_	_	_		_			3174
	tgc Cys															3222
	gtc Val															3270
	ctt Leu	_	-	-		_	_	_			_	_	_	_		3318
	ctg Leu															3366

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			ctg gag cag Leu Glu Gln 975		
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		Val Val Pro	gtg gaa ctc Val Glu Leu 1055		
			acg aag cct Thr Lys Pro 1070		Asp
			gtg gct act Val Ala Thr		
	Asn Leu Tyr		ttc cct gta Phe Pro Val		
			gtg atg aga Val Met Arg 1120		
		Val Trp Asp	cag ttc ctg Gln Phe Leu 1135		
			cct ctg ctg Pro Leu Leu 1150		Ala
gag cct gga			ata aat aaa	+++ ~+~ ~~+	ctc 4038

caa ggg ggc Gln Gly Gly 117	His Val					His Phe		86
gag gag ggg Glu Glu Gly 1190			Lys Pro					.34
ata gtt ctg Ile Val Leu 1205					Gly Val			.82
atg atc cat Met Ile His		Leu Arg					Leu	30
ctt tac cac Leu Tyr His				Val Thr	Phe His			.78
atc cca agt Ile Pro Ser 125	Asp Cys						_	326
agc cct gga Ser Pro Gly 1270			Phe Ser		_		-	374
gga tca ggg Gly Ser Gly 1285		_		_	Lys Asp		,	22
gtg tgg gag Val Trp Glu	-	Val Lys		_	_	_	Thr	70
ctg atc cct Leu Ile Pro	_	_		Pro Ser	Pro Leu		_	18
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agc cag gag Ser Gln Glu 1365					Asn Thr		9 -	662
cag atg cgg Gln Met Arg		Phe Ser					Cys	10
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Ser Gly Met Glu Val Ala Ser Tyr Leu Val Ala Gln Tyr Gly Glu Gln 50 55 60	
Arg Ala Trp Asp Leu Ala Leu His Thr Trp Glu Gln Met Gly Leu Arg 65 70 75 80	
Ser Leu Cys Ala Gln Ala Gln Glu Gly Ala Gly His Ser Pro Ser Phe 85 90 95	
Pro Tyr Ser Pro Ser Glu Pro His Leu Gly Ser Pro Ser Gln Pro Thr 100 105 110	
Ser Thr Ala Val Leu Met Pro Trp Ile His Glu Leu Pro Ala Gly Cys 115 120 125	
Thr Gln Gly Ser Glu Arg Arg Val Leu Arg Gln Leu Pro Asp Thr Ser 130 135 140	
Gly Arg Arg Trp Arg Glu Ile Ser Ala Ser Leu Leu Tyr Gln Ala Leu 145 150 155 160	
Pro Ser Ser Pro Asp His Glu Ser Pro Ser Gln Glu Ser Pro Asn Ala 165 170 175	
Pro Thr Ser Thr Ala Val Leu Gly Ser Trp Gly Ser Pro Pro Gln Pro 180 185 190	
Ser Leu Ala Pro Arg Glu Gln Glu Ala Pro Gly Thr Gln Trp Pro Leu 195 200 205	
Asp Glu Thr Ser Gly Ile Tyr Tyr Thr Glu Ile Arg Glu Arg Glu Arg 210 215 220	
Glu Lys Ser Glu Lys Gly Arg Pro Pro Trp Ala Ala Val Val Gly Thr	

225 230 235 Pro Pro Gln Ala His Thr Ser Leu Gln Pro His His His Pro Trp 255 Pro Ser Val Arg Glu Ser Leu Cys Ser Thr Trp Pro Trp Lys Asn Asp Phe Asn Gln Leu Cys Ser Thr Trp Pro Trp Lys Asn Asp Phe Asp Phe Thr Gln Leu Leu Leu Leu Gln Arg Pro Asp Pro Arg Pro Leu Val Lys Arg Ser Trp Pro Asp Tyr 290 295 295 300 300 300 300 315	Glu His Val
Pro Ser Val Arg Glu Ser Leu Cys Ser Thr Trp Pro Trp Lys Asn Asp Phe Asn Gln Lys Phe Thr Gln Leu Leu Leu Leu Gln Arg Pro Pro Arg Ser Gln Asp Pro Leu Val Lys Arg Ser Trp Pro Asp Tyr 290	Glu His Val Pro
Asp Phe Asn Gln Lys Phe Thr Gln Leu Leu Leu Gln Arg Pro 275 Pro Arg Ser Gln Asp Pro Leu Val Lys Arg Ser Trp Pro Asp Tyr 290 Glu Glu Asn Arg Gly His Leu Ile Glu Ile Arg Asp Leu Phe Gly	His Val Pro
Pro Arg Ser Gln Asp Pro Leu Val Lys Arg Ser Trp Pro Asp Tyr 290 295 300 Glu Glu Asn Arg Gly His Leu Ile Glu Ile Arg Asp Leu Phe Gly	Val Pro
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Gly Ile Gly Lys Ser Thr Leu Ala Arg Gln Val Lys Glu Ala Trp 340 345 350	Gly
Arg Gly Gln Leu Tyr Gly Asp Arg Phe Gln His Val Phe Tyr Phe 355 360 365	Ser
Cys Arg Glu Leu Ala Gln Ser Lys Val Val Ser Leu Ala Glu Leu 370 375 380	Ile
Gly Lys Asp Gly Thr Ala Thr Pro Ala Pro Ile Arg Gln Ile Leu 385 390 395	Ser 400
Arg Pro Glu Arg Leu Leu Phe Ile Leu Asp Gly Val Asp Glu Pro 405 410 415	
Trp Val Leu Gln Glu Pro Ser Ser Glu Leu Cys Leu His Trp Ser 420 425 430	Gln
Pro Gln Pro Ala Asp Ala Leu Leu Gly Ser Leu Leu Gly Lys Thr 435 440 445	Ile
Leu Pro Glu Ala Ser Phe Leu Ile Thr Ala Arg Thr Thr Ala Leu 450 455 460	Gln
Asn Leu Ile Pro Ser Leu Glu Gln Ala Arg Trp Val Glu Val Leu 465 470 475	Gly 480
Phe Ser Glu Ser Ser Arg Lys Glu Tyr Phe Tyr Arg Tyr Phe Thr 485 490 495	
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Leu Trp Ala Leu Cys Leu Val Pro Trp Val Ser Trp Leu Ala Cys 515 520 525	Thr
Cys Leu Met Gln Gln Met Lys Arg Lys Glu Lys Leu Thr Leu Thr 530 540	
Lys Thr Thr Thr Thr Leu Cys Leu His Tyr Leu Ala Gln Ala Leu 545 550 555	Gln 560
Ala Gln Pro Leu Gly Pro Gln Leu Arg Asp Leu Cys Ser Leu Ala 565 570 575	Ala
Glu Gly Ile Trp Gln Lys Lys Thr Leu Phe Ser Pro Asp Asp Leu 580 585 590	Arg
Lys His Gly Leu Asp Gly Ala Ile Ile Ser Thr Phe Leu Lys Met 595 600 605	Gly
Ile Leu Gln Glu His Pro Ile Pro Leu Ser Tyr Ser Phe Ile His 610 615 620	Leu
Cys Phe Gln Glu Phe Phe Ala Ala Met Ser Tyr Val Leu Glu Asp 625 630 635	Glu 640
Lys Gly Arg Gly Lys His Ser Asn Cys Ile Ile Asp Leu Glu Lys 645 650 655	Thr
Leu Glu Ala Tyr Gly Ile His Gly Leu Phe Gly Ala Ser Thr Thr 660 665 670	-
Phe Leu Leu Gly Leu Leu Ser Asp Glu Gly Glu Arg Glu Met Glu 675 680 685	Asn

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Pro Ser Leu Gln Leu Leu Gln Pro His Ser Leu Glu Ser Leu His
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                                     715
Cys Leu Tyr Glu Thr Arg Asn Lys Thr Phe Leu Thr Gln Val Met Ala
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                                 730
His Phe Glu Glu Met Gly Met Cys Val Glu Thr Asp Met Glu Leu Leu
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Val Cys Thr Phe Cys Ile Lys Phe Ser Arg His Val Lys Lys Leu Gln
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Leu Ile Glu Gly Arg Gln His Arg Ser Thr Trp Ser Pro Thr Met Val
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Val Leu Phe Arg Trp Val Pro Val Thr Asp Ala Tyr Trp Gln Ile Leu
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Gly Ala Lys His Leu Cys Gln Arg Leu Arg Gln Pro Ser Cys Lys Leu
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Gln Arg Leu Gln Leu Val Ser Cys Gly Leu Thr Ser Asp Cys Cys Gln
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Val	Leu	Leu	Lys 122	Met O	Ile	His	Asn	Ala 1225		Arg	Phe	Ile	Pro 1230		Thr	
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